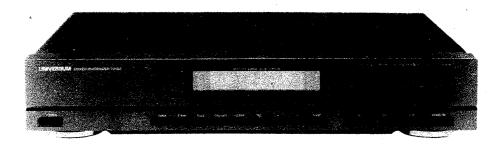
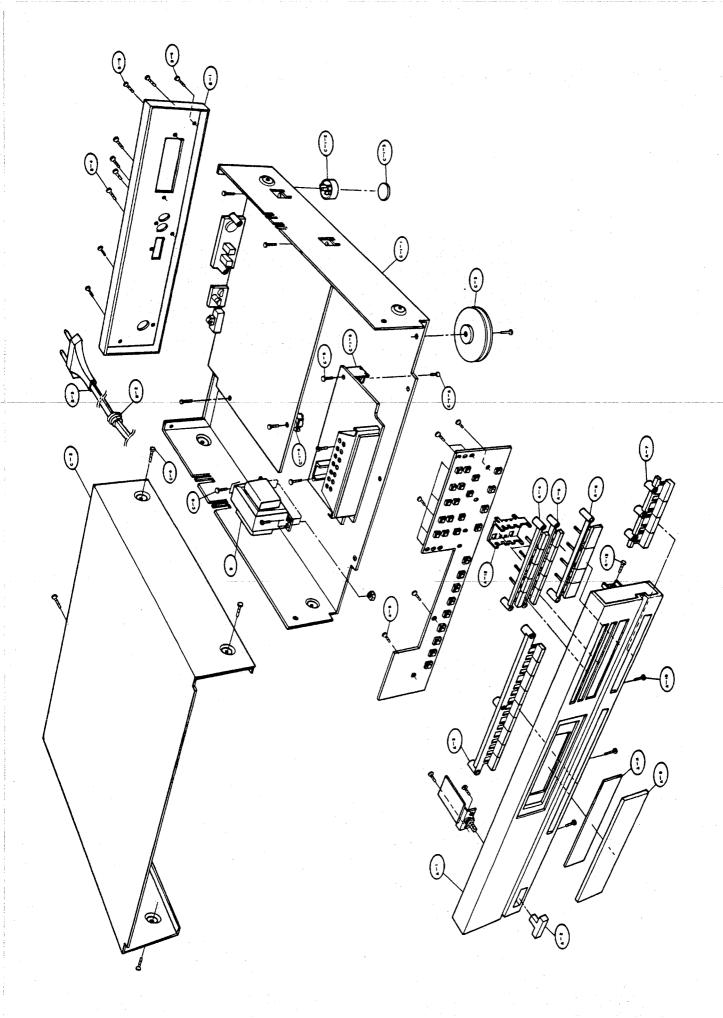


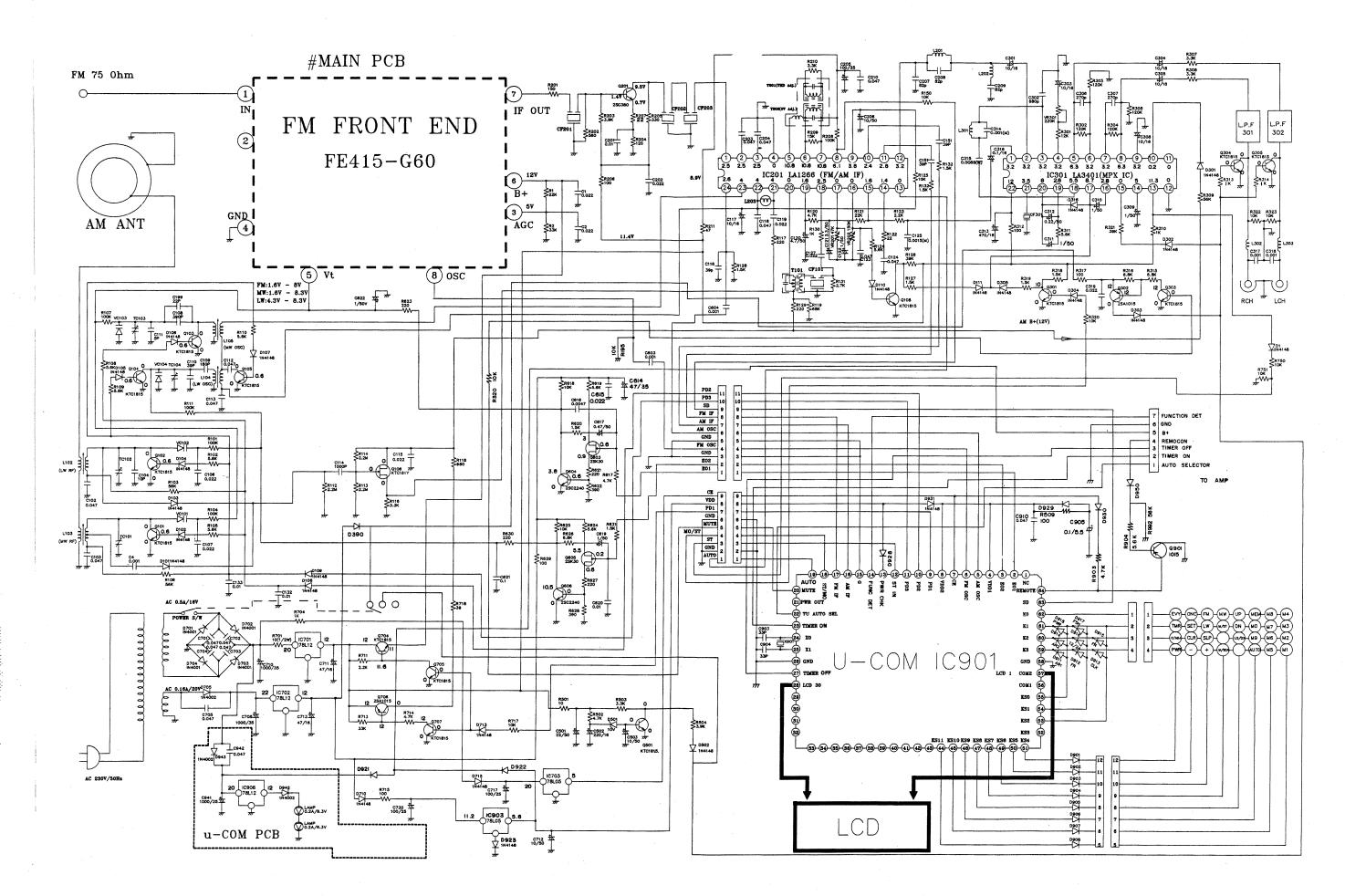
Quelle Technischer Kundendienst

065.6488



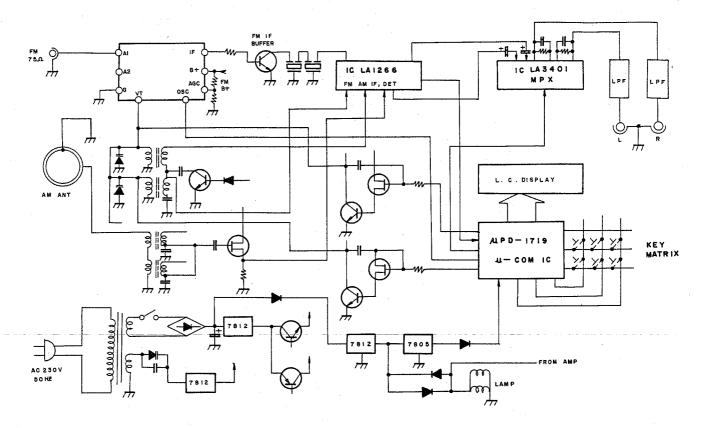
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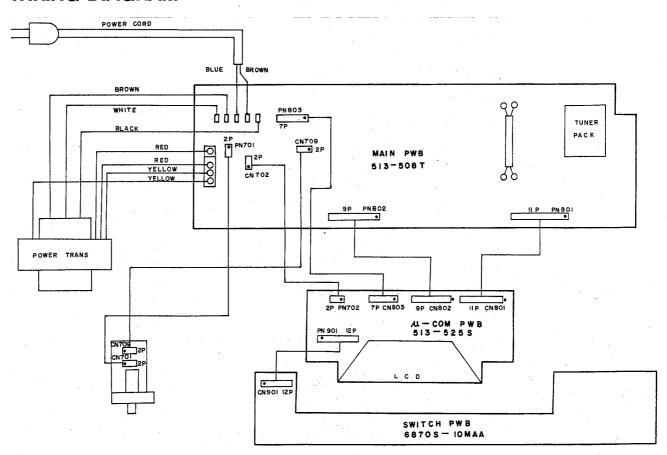


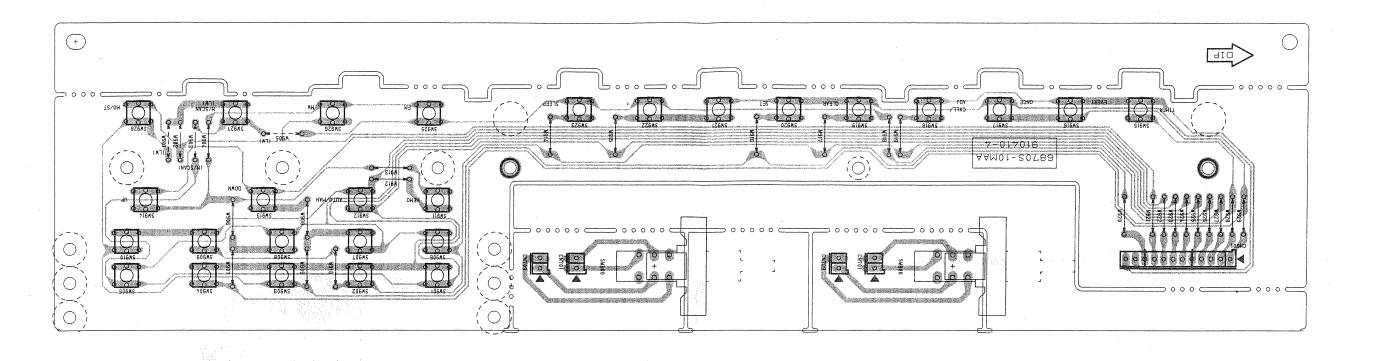
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7			<u>e</u> i	EHAEUSE (8. 0. 1. 1. 2000	NTEILE :				
8 9 10 11 12	A-1 A-2 A-3 A-4		KI		E R E 9-FACH	I TIMER-S	LEEP	749 749	395 406 400 397	8
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18 19 20 21 22			RI FI F	UECKWAND USS ILZ EHAEUSE-(USS, VORNE	BERTEIL	1948 1.0259&		745		0 3 2
22 23 24	D			ETZTRAFO NTANSCH	/ 9 / 21 / 2 / 3 / 6 / 3 /	ISE,AM-FM		749		7
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32 33 34 35	CF101 CF201 CF301 D101,	-203 103	Al Fi Al D	M-KERAMIH M-KERAMIH M-KERAMIH 100E 1 N	(-FILTER (FILTER S (-FILTER 4148	SFP 450H SFE 10.7 CSB 456F	MS3	734 733 734 175	268 843 269 540	6 7 4
37 38	D105- D111,	110 112	0 0	IODE 1 N IODE 1 S	4148 3 132			725	540 598	7
39 40 41	D117- D303- D701-	503	80 B D	IODE 1 N IODE 1 SS IODE 1 N	3 132 ma			725	540 598 419	7
42 43 44 45 46	D705 D709, D713- D920, D922-	917 921	D D D	TODE I N	132 4148 4002			725	523 598 540 523 540	7
47 48 49 50 51	TC301		I	C LA 1266 C LA 3401 C 7812 C UPC 78 C UPD 171		12		745 743 958 950 749	287	5
57 58 59 60	L103 L104 L105 L201,	202	MI LI MI DI	N-ANTENNE N-OSZILLA N-OSZILLA ROSSEL 20	N-FILTER TORSPULE TORSPULE	14210		743 749 746 749	295 411 449 412 413	8 5 8 3
62 63 64 65	L301 L302, Q105, Q106	303 108	DF DF TF	ROSSEL 7. ROSSEL 47 RANSISTOR RANSISTOR	8 MH UH KTC 319 KTK 161	8 Y 0		749 733 749 747	414 798 384 695	9 3 4 5 7
69 70	Q303-	501	Ti	RANSISTOR	KTC 319	ခ်ိဳ *	andre de la compansión de La compansión de la compa	749 749	384 084	4
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76 77 78 79 80 81	5W900 SW901 T101 T201 T202	-928 -104	TA AN FN	STSCHALT STSCHALT STSF-FILT STSF-FILT STSF-FILT STSF-FILT STSF-FILT	ER ER ER ER ER KV 1234	ZI.		749 746 743 743 743	388 453 301 300 388	5 0 4 6 3
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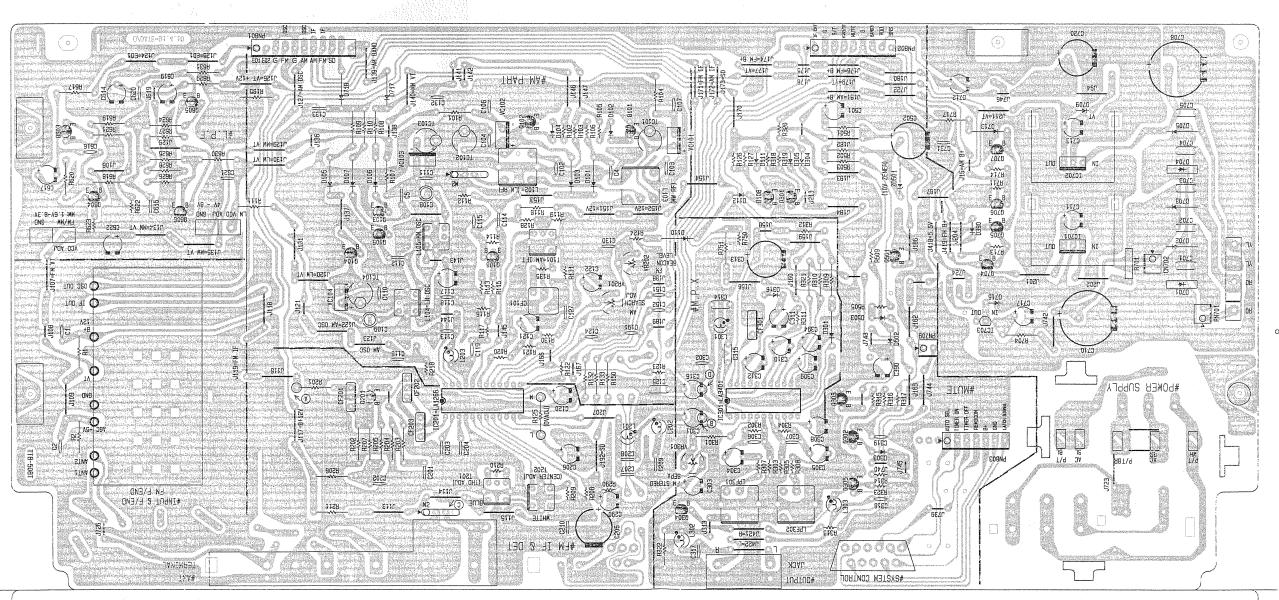
BLOCK DIAGRAM



WIRING DIAGRAM







STNEMTSULDA

This set has been aligned at the factory and normally will not require further adjustment. As a result, it is not recommended that any attempt is made to modificate any circuit. If any parts are replaced or if anyone tampers with the adjustment, realignment may be necessary.

TNATAO9MI

- 1 Check power-source voltage.
- 2 Set the function switch to band being aligned.
- 3 Keep the signal input as low as possible to adjust accurately.
- 4. Modulation and modulation frequency:

TEST AND ADJUSTMENT POINTS

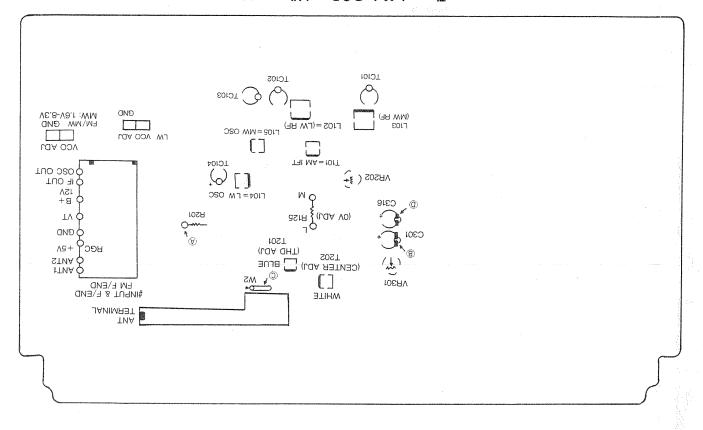
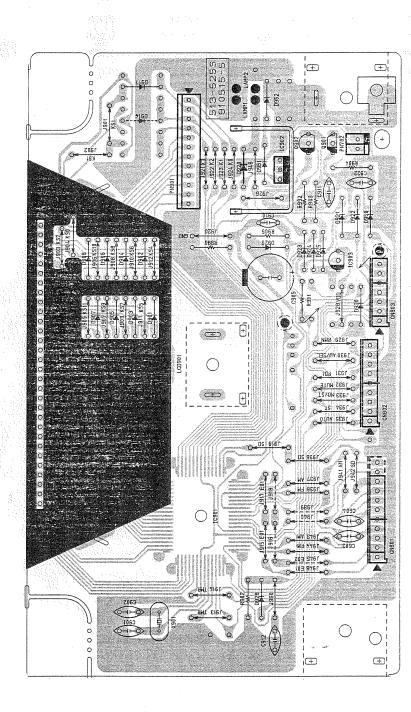


Figure 1. Main P.C.Board View



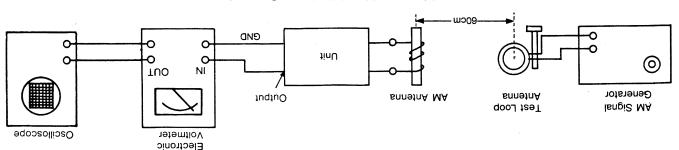


Figure 6. MW/LW Tracking Adjustment Connection Diagram

5. FM IF ADJUSTMENT

IF Genescope...... Connect the input to test point (B -C301 (-), the output to test point A-R201.

See Figure 8.	T202	Maximum liner S curve
Remarks	fnemtaujbA	no TaujbA

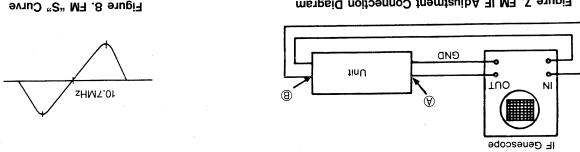


Figure 7. FM IF Adjustment Connection Diagram

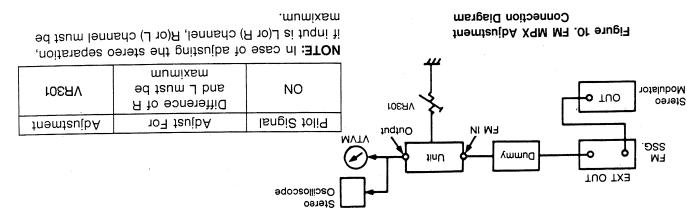
6. FM T.H.D. ADJUSTMENT

R125 (L) & (M). 3 Both side of EW IN to ebis and of toennect to both side of :(((C) & ((A)): Distortion Meter Connect to both side of neter Terminal through the dummy Distortion Signal Generator Connect to FM Antenna

Figure 9. FM T.H.D Adjustment Connection Diagram

T201	G.H.T muminiM	2HZ
fnemtsulbA	ro1 faujbA	Frednency
, , , ,		

7. FM MPX ADJUSTMENT-SEPARATION



1. MW/LW IF ADJUSTMENT

Adjust for the IF waveform of Genescope to be maximum. IF Genescope..... Connect the input to test point ①-C316 (-), the output to test point ①.

			ЯiпU	TUO	ال
101T	mumixsM	√20KHz			
Adjustment	no¬ teuįbA	님		IF Genescope	

Figure 3. MW IF Curve

Figure 2. MW/LW IF Adjustment Connection Diagram

2. MW COVERAGE ADJUSTMENT

DC Voltmeter Connect to FM/MW VCO and GND.

ral times.	teps 1 and 2 seve	Repeat s	3
TC103	V5.8	1611 KHz	2
7102	Və.t	2SS KHZ	L
framtsulbA	Adjust For	Frednency	Step

	0 /////	
DC Voltmeter	GND PINIT FM/MW VCO	

Connection Diagram Figure 4. MW Coverage Adjustment

3. LW COVERAGE ADJUSTMENT

DC Voltmeter Connect to LW VCO and GND.

	· ·			
Repeat steps 1 and 2 several times.				
TC104	290 KHz 8.3V TC10⁴			
- L104	V8.E	146 KHz	L	
fnemtsuįbA	no TaulbA	Frednency	Step	

tuə	mtauib	A Soverage A	2 Ayııni3
Noltmeter DC		GND FM ACO	tinU

Connection Diagram

4. MW/LW TRACKING ADJUSTMENT

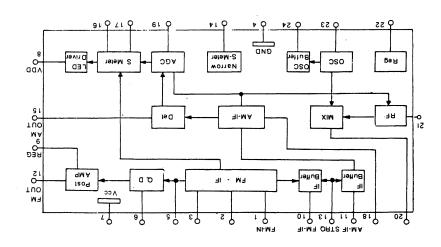
indication of Electronic Voltmeter of the waveform of Oscilloscope to be maximum. Signal Generator Connect to the MW/LW antenna coil through the loop antenna. Adjust for the

	Repeat steps 1 and 2 several times.			
TC105	Maximum Sensitivity	S24 KHZ	N	7
L102	Maximum Sensitivity	104 KHZ		ŀ
	Repeat steps 1 and 2 several times.			
TC101	Maximum Sensitivity	1404 KHZ	MM	2
E017	Maximum Sensitivity	294kHz		Ļ
tnəmtsujbA	no¬ teuįbA	Fredneucy	Band	Step

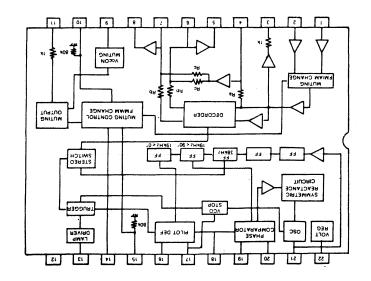
8. FM STEREO BEACON SENSITIVITY

(AI MA/MA) 9921AJ

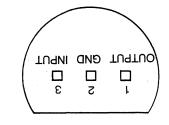
INTERIOR BLOCK DIAGRAM OF IC



(X9M) f046AJ



μPC78L05J (Voltage Regulator)



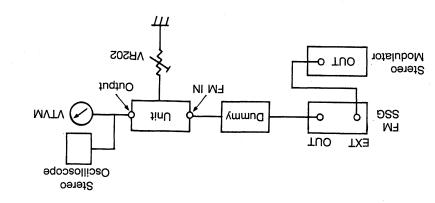


Figure 11. FM Stereo Beacon Sensitivity Adjustment Connection Diagram

202AV	ST LED Display ON	V 4,∂	NO
tnemtsulbA	ro1 teuįbA	Input of FM IN	Pilot Signal